

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-48. (Canceled)

49. (Previously Amended) A method for treating Attention-Deficit Disorder or Attention-Deficit Hyperactivity Disorder in a patient, wherein the method comprises administering a pharmaceutically acceptable composition comprising ~~100 ng to 500 mg~~ of methylphenidate and a pharmaceutically acceptable carrier to said patient in a manner that achieves a substantially ascending methylphenidate plasma drug concentration over a time period of about 8 hours following said administration.

50. (Previously Amended) A method for treating Attention-Deficit Disorder or Attention-Deficit Hyperactivity Disorder in a patient, wherein the method comprises administering a pharmaceutically acceptable composition comprising ~~100 ng to 500 mg~~ of methylphenidate and a pharmaceutically acceptable carrier to said patient in a manner that achieves a substantially ascending methylphenidate plasma drug concentration over a time period of about 9.5 hours following said administration.

51-54. (Canceled)

55. (Previously Presented) A method of claim 49 wherein said composition comprises about 14 mg of methylphenidate.

56. (Previously Presented) A method of claim 49 wherein said composition comprises about 18 mg of methylphenidate.

57. (Previously Presented) A method of claim 49 wherein said composition comprises about 36 mg of methylphenidate.

58. (Previously Presented) A method of claim 49 wherein said composition comprises about 54 mg of methylphenidate.

59. (Previously Presented) A method of claim 50 wherein said composition comprises about 14 mg of methylphenidate.

60. (Previously Presented) A method of claim 50 wherein said composition comprises about 18 mg of methylphenidate.

61. (Previously Presented) A method of claim 50 wherein said composition comprises about 36 mg of methylphenidate.

62. (Previously Presented) A method of claim 50 wherein said composition comprises about 54 mg of methylphenidate.